

3.5 COMMERCIAL MOTOR VEHICLE INVOLVEMENT

This section presents a series of data displays which identify commercial motor vehicle involvement in Missouri's traffic crash activity. Commercial motor vehicle traffic crashes are defined as any crash in which one or more commercial motor vehicles were directly involved in the incident. Commercial motor vehicles include trucks having 6 or more tires on the power unit, buses or school buses having occupant capacities of 16 or more, and vehicles displaying hazardous material placards. Starting in 1998, if the number of tires on a single unit truck, a truck tractor with a single unit, or a truck tractor with multiple units was not reported by the investigating officer, the vehicle was assumed to have 6 tires on the power unit and qualified as a commercial motor vehicle. Data displays also are provided which describe characteristics of the commercial motor vehicle drivers in these traffic crashes.

2000 SUMMARY ANALYSIS

- Of all 2000 Missouri traffic crashes, 10.3% involved a commercial motor vehicle. Of all fatal traffic crashes, 18.4% involved a commercial motor vehicle. A total of 227 persons were killed and 6,399 were injured in commercial motor vehicle crashes.
- There was an increase of 0.1% in the rate of change when comparing all 2000 commercial motor vehicle related traffic crash activity with that in 1999. There was no change when comparing 2000 fatal commercial motor vehicle traffic crashes with 1999.
- In 2000, one person was killed or injured in a commercial motor vehicle related crash every 1.3 hours in the State of Missouri.
- Of all 2000 commercial motor vehicle crashes, the first harmful event in 71.4% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 11.7% of the cases, it involved a motor vehicle striking a fixed object.
- Of all 2000 commercial motor vehicle involved crashes, 57.9% occurred in an urban area of the State and 42.1% occurred in a rural area. However, in those cases where commercial motor vehicles were involved in fatal crashes 83.2% occurred in rural area.
- Of all commercial motor vehicles involved in 2000 traffic crashes, 41.3% were non-placarded two-unit trucks, 33.6% were non-placarded single unit trucks, and 6.8% were non-placarded school buses.
- Of all commercial motor vehicle drivers involved in 2000 traffic crashes, 89.8% were male and 10.2% were female. The average age of commercial motor vehicle drivers was 40.8 years.
- Of all commercial motor vehicle drivers involved in these crashes, 68.9% had a Missouri driver's license, 30.4% had an out-of-state driver's license, and 0.6% were unlicensed at the time of the traffic crash.

2000 MISSOURI TRAFFIC CRASHES

COMMERCIAL MOTOR VEHICLE INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER ¹	DRIVERS/PASSENGERS ²	COMM. MOTOR VEH.
								KILLED	INJURED	KILLED	INJURED
COMMERCIAL MOTOR VEHICLE INVOLVED	179	18.4	3,901	8.1	14,676	11.1	18,756	10.3	227	6,399	45
NO COMMERCIAL MOTOR VEHICLE INVOLVED	793	81.6	44,367	91.9	118,134	88.9	163,294	89.7	910	67,860	-
UNKNOWN ³	19	-	1,447	-	10,262	-	11,728	-	20	2,069	-
TOTAL	991	100.0	49,715	100.0	143,072	100.0	193,778	100.0	1,157	76,328	45
											2,418

¹This statistic indicates the total number of persons killed and injured in a crash where one or more commercial motor vehicles were involved.

²This statistic indicates the number of commercial motor vehicle drivers and passengers killed and injured.

³Crashes were classified as unknown if the following conditions exist: none of the vehicles involved in the crash was a commercial motor vehicle and the body type of one or more vehicles involved in the crash was not known.

TABLE 3.5.1